SOFTWARE PROGRAMABLE: SINGLE ENDED INPUTS ONLY: INSTRUMENTATION AMPLIFIERS

MODEL		AD526	AD526	AD526	AD526		Temp Range 0-70	-40-85	-55-125
SPECIFICATION	Units	GAIN RANGE					0 70	-40 85	-55 125
		1	2	4	8	16			
GAIN ERROR	± % FS	0.05	0.05	0.10	0.15	0.15	J		
		0.02	0.03	0.03	0.07	0.07		A	S
		0.01	0.02	0.02	0.04	0.04		B	
		0.01	0.01	0.01	0.02	0.02		C	
GAIN ERROR MATCH	± % FS								
GAIN ERROR TC	± ppm/C	2	2	3	5	5			
NONLINEARITY	± %	0.005	0.001	0.001	0.001	0.001	J	A/B	S
		0.0035	0.001	0.001	0.001	0.001		C	
CMRR 1K Unbalance									
Full Power	Khz	0.1	0.1	0.1	0.35	0.35			
Small Signal -3 dB	Mhz	4	2	1.50	0.65	0.35			
Settling Time .01%	usec	4	2	1.50	0.65	0.35			
Slew Rate	V/usec	4	5	5	7	7			
VOLTAGE NOISE									
RTI @ .1 to 10Hz	uV pp	10							
RTI @ 10 Hz	nV/ Hz	3	1.5	0.75	0.37	0.18			
RTI @ 100 Hz	nV/ Hz								
RTI @ 1K Hz	nV/ Hz								
RTO @ 1K Hz	nV/ Hz	30							
CURRENT NOISE									
RTI @ .1 to 10Hz	pA pp								
RTO @ 1K Hz	pA/ Hz								
OFFSET VOLTAGE		RTI							
		+25C	Ta						
		mV	uV/C						

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MODEL		AD526		AD526		AD526	AD526			
								Temp		
								Range		
		GAIN						0	-40	-55
SPECIFICATION	Units	RANGE						70	85	125
		1	2	4	8	16				
		1.5	20					J	A	S
		0.7	10						B	
		0.5	10						C	
BIAS CURRENT		I bias		I offset						
		+25C	Ta	+25C	Ta					
		nA	pA/C	nA	pA/C					
		0.15								
OUTPUT CURRENT		± 10V @ 5mA				J=	$5.77			
POWER SUPPLY		±4.5 to ±16.5v , +14 -13 mA				A=	$9.07			
						B=	$10.94			
PACKAGES		16 Pin plastic dip				C=	$23.54			
		16 Pin ceramic dip				S=	$41.14			